

WEST Search History

DATE: Thursday, November 29, 2007

Hide? Set Name Query**Hit Count***DB=PGPB,USPT; PLUR=YES; OP=ADJ*

<input type="checkbox"/>	L29	arthritis.ab. and (neutraceutical or nutraceutical)	46
<input type="checkbox"/>	L28	flavone.ab. and (neutraceutical or nutraceutical)	9
<input type="checkbox"/>	L27	flavone and (neutraceutical or nutraceutical)	212
<input type="checkbox"/>	L26	5096887.pn.	1
<input type="checkbox"/>	L25	509688.pn.	0
<input type="checkbox"/>	L24	509688.ab.	0
<input type="checkbox"/>	L23	L22 and (neutraceutical or nutraceutical)	1
<input type="checkbox"/>	L22	L20 and (flavone)	10
<input type="checkbox"/>	L21	L20 and (flavone.ab.)	0
<input type="checkbox"/>	L20	BASF.as.	14038

END OF SEARCH HISTORY

FILE 'HCAPLUS' ENTERED AT 13:36:25 ON 29 NOV 2007
L27 82 S NEUTRACEUTICAL
L28 328 S L25/THU
L29 0 S L26 AND L27
L30 0 S L27 AND L28
L31 0 S L29 AND (PY<2001 OR AY<2001 OR PRY<2001)
L32 0 S L30 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'STNGUIDE' ENTERED AT 13:36:35 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 13:37:21 ON 29 NOV 2007
L33 2043 S NUTRACEUTICAL
L34 0 S L26 AND L33
L35 0 S L33 AND L28
L36 0 S L34 AND (PY<2001 OR AY<2001 OR PRY<2001)
L37 0 S L35 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'STNGUIDE' ENTERED AT 13:37:30 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 13:37:57 ON 29 NOV 2007
L38 102 S L28 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'STNGUIDE' ENTERED AT 13:38:00 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 13:46:04 ON 29 NOV 2007
L39 79211 S CITRUS OR SOY OR GRAPE
L40 30 S L25 AND L39
L41 10 S L40 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'REGISTRY' ENTERED AT 13:34:41 ON 29 NOV 2007
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 28 NOV 2007 HIGHEST RN 956214-95-2
DICTIONARY FILE UPDATES: 28 NOV 2007 HIGHEST RN 956214-95-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

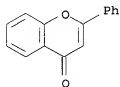
<http://www.cas.org/support/stngen/stndoc/properties.html>

```
=> exp flavone/cn
E1      1      FLAVON-3-OL/CN
E2      1      FLAVONAL/CN
E3      1  --> FLAVONE/CN
E4      1      FLAVONE (4-NITROPHENYL)HYDRAZONE/CN
E5      1      FLAVONE 2,4-DINITROPHENYLHYDRAZONE/CN
E6      1      FLAVONE 3-DIPHOSPHATE/CN
E7      1      FLAVONE 3-HYDROXYLASE/CN
E8      1      FLAVONE 4',7-BIS(ALLYLOXY)-3,3',5-TRIS(BENZYLOXY)-/CN
E9      1      FLAVONE 560/CN
E10     1      FLAVONE ACETIC ACID/CN
E11     1      FLAVONE ACETYLHYDRAZONE/CN
E12     1      FLAVONE COMPD. WITH BORON FLUORIDE (BF3) (1:1)/CN
```

```
=> s E3
L25      1 FLAVONE/CN
```

```
=> d l25 scan
```

```
L25 1 ANSWERS  REGISTRY  COPYRIGHT 2007 ACS on STN
IN  4H-1-Benzopyran-4-one, 2-phenyl-
MF  C15 H10 O2
CI  COM
```



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
5.40	167.80

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-6.24

CA SUBSCRIBER PRICE

FILE 'CAPLUS' ENTERED AT 13:35:04 ON 29 NOV 2007
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FILE COVERS 1907 - 29 Nov 2007 VOL 147 ISS 23
FILE LAST UPDATED: 28 Nov 2007 (20071128/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s l25
L26 1824 L25

=> sfile stnguide
SFILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

=> file stnguide
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.47	168.27

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-6.24

CA SUBSCRIBER PRICE

FILE 'STNGUIDE' ENTERED AT 13:35:18 ON 29 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 23, 2007 (20071123/UP).

=> file hcaplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.12	168.39

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

CA SUBSCRIBER PRICE

ENTRY

SESSION

0.00

-6.24

FILE 'HCAPLUS' ENTERED AT 13:36:25 ON 29 NOV 2007

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FILE COVERS 1907 - 29 Nov 2007 VOL 147 ISS 23

FILE LAST UPDATED: 28 Nov 2007 (20071128/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s neutraceutical

L27 82 NEUTRACEUTICAL

=> s l25/thu

1824 L25
957163 THU/RL
L28 328 L25/THU
(L25 (L) THU/RL)

=> s l26 and l27

1824 L25
L29 0 L26 AND L27

=> s l27 and l28

L30 0 L27 AND L28

=> s l29 and (PY<2001 or AY<2001 or PRY<2001)

20958356 PY<2001
3921200 AY<2001
3400368 PRY<2001
L31 0 L29 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> s l30 and (PY<2001 or AY<2001 or PRY<2001)

20958356 PY<2001
3921200 AY<2001
3400368 PRY<2001
L32 0 L30 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	2.60	170.99
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-6.24

FILE 'STNGUIDE' ENTERED AT 13:36:35 ON 29 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: Nov 23, 2007 (20071123/UP).

```
=> file hcaplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                                ENTRY      SESSION
FULL ESTIMATED COST          0.06      171.05

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                                ENTRY      SESSION
CA SUBSCRIBER PRICE          0.00      -6.24
```

FILE 'HCAPLUS' ENTERED AT 13:37:21 ON 29 NOV 2007
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FILE COVERS 1907 - 29 Nov 2007 VOL 147 ISS 23
 FILE LAST UPDATED: 28 Nov 2007 (20071128/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s nutraceutical
L33      2043 NUTRACEUTICAL

=> s l26 and l33
L34      1824 L25
          0 L26 AND L33

=> s l33 and l28
L35      0 L33 AND L28

=> s l34 and (PY<2001 or AY<2001 or PRY<2001)
```

20958356 PY<2001
3921200 AY<2001
3400368 PRY<2001

L36 0 L34 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> s l35 and (PY<2001 or AY<2001 or PRY<2001)

20958356 PY<2001
3921200 AY<2001
3400368 PRY<2001

L37 0 L35 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.60	173.65
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

FILE 'STNGUIDE' ENTERED AT 13:37:30 ON 29 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 23, 2007 (20071123/UP).

=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	173.71
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

FILE 'HCAPLUS' ENTERED AT 13:37:57 ON 29 NOV 2007
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FILE COVERS 1907 - 29 Nov 2007 VOL 147 ISS 23
FILE LAST UPDATED: 28 Nov 2007 (20071128/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l28 and (PY<2001 or AY<2001 or PRY<2001)

20958356 PY<2001
3921200 AY<2001
3400368 PRY<2001
L38 102 L28 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	2.60	176.31
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-6.24

FILE 'STNGUIDE' ENTERED AT 13:38:00 ON 29 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 23, 2007 (20071123/UP).

=> log hold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	0.06	176.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-6.24

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:38:15 ON 29 NOV 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAEXO1623

PASSWORD:

***** RECONNECTED TO STN INTERNATIONAL *****
SESSION RESUMED IN FILE 'STNGUIDE' AT 13:44:42 ON 29 NOV 2007
FILE 'STNGUIDE' ENTERED AT 13:44:42 ON 29 NOV 2007
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)d

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	0.06	176.37
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	0.00	-6.24

=> his

HIS IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d his

(FILE 'HOME' ENTERED AT 11:32:29 ON 29 NOV 2007)

FILE 'REGISTRY' ENTERED AT 11:32:47 ON 29 NOV 2007

EXP 5-AZACYTIDINE/CN

L1 1 S E3

FILE 'STNGUIDE' ENTERED AT 11:33:24 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 11:35:26 ON 29 NOV 2007

L2 1804 S L1

L3 275332 S AMORPHOUS

L4 1951284 S (POLYMORPH OR CRYSTA? OR RECRYSTAL? OR (FORM(W)(I OR IV OR V

L5 0 S L2 AND L3

L6 13 S L2 AND L4

L7 0 S L5 AND (PY<2004 OR AY<2004 OR PRY<2004)

L8 7 S L6 AND (PY<2004 OR AY<2004 OR PRY<2004)

FILE 'STNGUIDE' ENTERED AT 11:35:42 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 11:35:59 ON 29 NOV 2007

FILE 'STNGUIDE' ENTERED AT 11:36:00 ON 29 NOV 2007

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 11:36:12 ON 29 NOV 2007
SEA AZACYTIDINE AND (POLYMORPH OR CRYSTAL OR CRYSTALLINE)

5 FILE BIOSIS

1 FILE CABA

15 FILE CAPLUS

3 FILE DDFB

3 FILE DRUGB

2 FILE EMBASE

2 FILE ESBIODBASE

10 FILE IFIPAT

1 FILE LIFESCI

4 FILE MEDLINE

2 FILE PASCAL

2 FILE PROMT

1 FILE PROUSDDR

6 FILE SCISEARCH

5 FILE TOXCENTER

907 FILE USPATFULL

7 FILE USPATOLD

118 FILE USPAT2

7 FILE WPIDS

7 FILE WPINDEX

L9 QUE AZACYTIDINE AND (POLYMORPH OR CRYSTAL OR CRYSTALLINE)

FILE 'BIOSIS, MEDLINE, SCISEARCH' ENTERED AT 11:37:28 ON 29 NOV 2007

L10 15 S AZACYTIDINE AND (POLYMORPH OR CRYSTAL OR CRYSTALLINE)

L11 11 DUP REM L10 (4 DUPLICATES REMOVED)

L12 9 S L11 AND PY<2004

FILE 'STNGUIDE' ENTERED AT 11:39:23 ON 29 NOV 2007

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOG2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 12:35:59 ON 29 NOV 2007

SEA AZACYTIDINE AND (DIMETHYL SULFOXIDE)

11 FILE BIOSIS
2 FILE BIOTECHABS
2 FILE BIOTECHDS
5 FILE BIOTECHNO
11 FILE CAPLUS
1 FILE DDFU
1 FILE DISSABS
2 FILE DRUGU
16 FILE EMBASE
2 FILE ESBIOBASE
7 FILE IFIPAT
3 FILE LIFESCI
16 FILE MEDLINE
2 FILE PASCAL
7 FILE SCISEARCH
33 FILE TOXCENTER
429 FILE USPATFULL
1 FILE USPATOLD
54 FILE USPAT2
18 FILE WPIDS
18 FILE WPINDEX

L13 QUE AZACYTIDINE AND (DIMETHYL SULFOXIDE)

SEA AZACYTIDINE AND (DIMETHYL SULFOXIDE) AND (CRYSTA? OR RECRYST

1 FILE CAPLUS
1 FILE IFIPAT
319 FILE USPATFULL
1 FILE USPATOLD
39 FILE USPAT2
4 FILE WPIDS
4 FILE WPINDEX

L14 QUE AZACYTIDINE AND (DIMETHYL SULFOXIDE) AND (CRYSTA? OR RECRYST

FILE 'CAPLUS' ENTERED AT 12:37:35 ON 29 NOV 2007

L15 1 S AZACYTIDINE AND (DIMETHYL SULFOXIDE) AND (CRYSTA? OR RECRYSTA

FILE 'MEDLINE' ENTERED AT 12:37:53 ON 29 NOV 2007

L16 16 S AZACYTIDINE AND (DIMETHYL SULFOXIDE)

L17 14 S L16 AND (PY<2003)

FILE 'CAPLUS' ENTERED AT 12:40:22 ON 29 NOV 2007

L18 11 S AZACYTIDINE AND (DIMETHYL SULFOXIDE)

L19 484 S AZACYTIDINE AND (SYNTH?)

L20 1 S AZACYTIDINE AND (SYNTH?) AND RECRYST?

L21 39 S L1/PREP

L22 36 S L21 AND (PY<2004 OR AY<2004 OR PRY<2004)

L23 0 S L22 AND ((DIMETHYL SULFOXIDE) OR DMSO)

L24 1 S L22 AND ((DIMETHYL SULFOXIDE) OR DMSO)

FILE 'REGISTRY' ENTERED AT 13:34:41 ON 29 NOV 2007

EXP FLAVONE/CN

L25 1 S E3

FILE 'CAPLUS' ENTERED AT 13:35:04 ON 29 NOV 2007

L26 1824 S L25

FILE 'STNGUIDE' ENTERED AT 13:35:18 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 13:36:25 ON 29 NOV 2007

L27 82 S NEUTRACEUTICAL

L28 328 S L25/THU
 L29 0 S L26 AND L27
 L30 0 S L27 AND L28
 L31 0 S L29 AND (PY<2001 OR AY<2001 OR PRY<2001)
 L32 0 S L30 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'STNGUIDE' ENTERED AT 13:36:35 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 13:37:21 ON 29 NOV 2007

L33 2043 S NUTRACEUTICAL
 L34 0 S L26 AND L33
 L35 0 S L33 AND L28
 L36 0 S L34 AND (PY<2001 OR AY<2001 OR PRY<2001)
 L37 0 S L35 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'STNGUIDE' ENTERED AT 13:37:30 ON 29 NOV 2007

FILE 'HCAPLUS' ENTERED AT 13:37:57 ON 29 NOV 2007

L38 102 S L28 AND (PY<2001 OR AY<2001 OR PRY<2001)

FILE 'STNGUIDE' ENTERED AT 13:38:00 ON 29 NOV 2007

=> file hcaplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.18	176.49
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

FILE 'HCAPLUS' ENTERED AT 13:46:04 ON 29 NOV 2007
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FILE COVERS 1907 - 29 Nov 2007 VOL 147 ISS 23
 FILE LAST UPDATED: 28 Nov 2007 (20071128/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s citrus or soy or grape

28197 CITRUS
 23734 SOY
 28463 GRAPE
 L39 79211 CITRUS OR SOY OR GRAPE

=> s 125 and 139

1824 L25
L40 30 L25 AND L39

=> s l40 and (PY<2001 or AY<2001 or PRY<2001)

20958356 PY<2001
3921200 AY<2001
3400368 PRY<2001

L41 10 L40 AND (PY<2001 OR AY<2001 OR PRY<2001)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.60	179.09
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-6.24

FILE 'STNGUIDE' ENTERED AT 13:46:09 ON 29 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 23, 2007 (20071123/UP).

=> d l41 1-10 ti
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L41 ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Process of extracting total flavone from grape seeds

L41 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Plant-derived and synthetic phenolic compounds and plant extracts, effective in the treatment and prevention of chlamydial infections

L41 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Method to enhance antioxidant activity of food and antioxidant activity enhancers containing carnosine and natural antioxidants

L41 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Separation of flavonoids, coumarins, and anthocyanins in plant extracts by overpressured layer chromatography

L41 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Process for removing light absorbing compounds from epidermal plant cells

L41 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Photometric determination of flavones in citrus juice and peel products

L41 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Plant Flavonoids, Especially Tea Flavonols, Are Powerful Antioxidants Using an in Vitro Oxidation Model for Heart Disease

L41 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Flavonoids for protection of cells against chemically active species of oxygen, their extraction from plants, and their use in cosmetics

L41 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Structure-activity relationship of flavones as growth inhibitors of the
navel orangeworm

L41 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Cynara flavone diuretic compositions

=> d l41 1-10 ti abs bib

YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L41 ANSWER 1 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Process of extracting total flavone from grape seeds

AB The process comprises extracting grape seed powder with water at
100° thrice, concentrating; precipitating with alc. for 24- 48 h twice to
remove

impurities; and concg to get the total flavones for manufacturing health food.

AN 2002:552371 HCAPLUS <<LOGINID:20071129>>

DN 137:76065

TI Process of extracting total flavone from grape seeds

IN Xu, Li; Li, Xuanping; Feng, Fengguang

PA Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 4 pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1313285	A	20010919	CN 2000-134314	20001213 <--
	CN 1095467	B	20021204		
PRAI	CN 2000-134314		20001213	<--	

L41 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Plant-derived and synthetic phenolic compounds and plant extracts,
effective in the treatment and prevention of chlamydial infections

AB The invention relates to natural and synthetic compds., plant exts. and
compns. containing them and mixts. of these in the treatment and/or prevention
of a chlamydial infection. Medicinal preps., food additive compns. and
functional foodstuffs can be prepared from the plant-derived phenolic
compds. and synthetic compds. and plant exts. The direct antichlamydial
effect of some plant-derived and synthetic phenolic compds. and their
mixts. (e.g. quercetin, morin daidzein, and gentistin at a concentration of 50
µM) was studied on chlamydia pneumoniae.

AN 2002:142838 HCAPLUS <<LOGINID:20071129>>

DN 136:177954

TI Plant-derived and synthetic phenolic compounds and plant extracts,
effective in the treatment and prevention of chlamydial infections

IN Vuorela, Heikki; Vuorela, Pia; Hiltunen, Raimo; Leinonen, Maija; Saikku,
Pekka

PA Control-Ox Oy, Finland

SO PCT Int. Appl., 38 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002014464	A2	20020221	WO 2001-F1726	20010816 <--
	WO 2002014464	A3	20020510		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
 RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US,
 UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

FI	2000001832	A	20020219	FI 2000-1832	20000818 <--
FI	113942	B1	20040715		
SG	90259	A1	20020723	SG 2001-4942	20010814 <--
CA	2419716	A1	20020221	CA 2001-2419716	20010816 <--
AU	200182201	A	20020225	AU 2001-82201	20010816 <--
EP	1309333	A2	20030514	EP 2001-960802	20010816 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR	2001013463	A	20030715	BR 2001-13463	20010816 <--
HU	2003000732	A2	20030929	HU 2003-732	20010816 <--
JP	2004506656	T	20040304	JP 2002-519592	20010816 <--
EE	200300064	A	20041215	EE 2003-64	20010816 <--
RU	2246939	C2	20050227	RU 2003-107049	20010816 <--
NZ	524128	A	20060127	NZ 2001-524128	20010816 <--
IN	2003KN00153	A	20050311	IN 2003-KN153	20030210 <--
NO	2003000728	A	20030414	NO 2003-728	20030214 <--
MX	2003PA01435	A	20041213	MX 2003-PA1435	20030214 <--
US	2004058983	A1	20040325	US 2003-344451	20030725 <--
PRAI	2000-225735P	P	20000817	<--	
FI	2000-1832	A	20000818	<--	
WO	2001-FI726	W	20010816		

L41 ANSWER 3 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Method to enhance antioxidant activity of food and antioxidant activity
 enhancers containing carnosine and natural antioxidants
 AB Antioxidant activity of foods is enhanced by adding carnosine (I) or its
 prepn. and flavonoids, carotenoids, polyphenols, or retinoids to food.
 Antioxidant activity of I-containing foods is enhanced by adding flavonoids,
 carotenoids, polyphenols, or retinoids or foods containing the above natural
 antioxidants. Antioxidant activity of foods containing flavonoids,
 carotenoids, polyphenols, or retinoids is enhanced by adding I or its
 prepn. Pork loin was soaked in red wine, massaged for 3 h, sliced, and
 roasted. This treatment significantly reduced. The roasted pork showed
 enhanced active O scavenging effect. Soup containing pork extract, tomato
 juice,

and wine retarded autoxidn. of linolic acid.
 AN 2001:649829 HCAPLUS <<LOGINID:20071129>>
 DN 135:194790
 TI Method to enhance antioxidant activity of food and antioxidant activity
 enhancers containing carnosine and natural antioxidants
 IN Yoshikawa, Ryuichi; Ikushima, Akira; Monden, Kenji; Nikaido, Isao
 PA Snow Brand Food Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2001238653	A	20010904	JP 2000-281522	20000918 <--
	JP 3416104	B2	20030616		
PRAI	JP 1999-361009	A	19991220	<--	

L41 ANSWER 4 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Separation of flavonoids, coumarins, and anthocyanins in plant extracts by
 overpressured layer chromatography
 AB Flavonoids, coumarins, and anthocyanins were separated from plant exts. by

overpressured layer chromatog. The best eluents were EtOAc/CHCl₃ for flavonoids, coumarins, and furanochromones, and EtOAc/MeEtCO/HCOOH/HCl for anthocyanins.

AN 1997:400895 HCAPLUS <<LOGINID::20071129>>

DN 131:197084

TI Separation of flavonoids, coumarins, and anthocyanins in plant extracts by overpressured layer chromatography

AU Galand, N.; Pothier, J.; Mason, V.; Viel, Claude

CS Laboratoire Pharmacochimie Produits Naturels Analogues Structuraux,

Faculte Sciences Pharmaceutique, Univ. Tours, Tours, F-37200, Fr.

SO Pharmazie (1999), 54(6), 468-471

CODEN: PHARAT; ISSN: 0031-7144

PB Govi-Verlag Pharmazeutischer Verlag

DT Journal

LA English

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L41 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Process for removing light absorbing compounds from epidermal plant cells

AB A process is disclosed for harvesting light absorbing compds. from the epidermal cells of a plant. The plant is subjected to artificial light having wavelengths in the range of 260 to 400 nm. The plant is ground to form a slurry and an enzyme is added to the slurry to breach the walls of cells in the plant to free the light absorbing compds. A solvent added to the slurry exts. the light absorbing chems.

AN 1997:140360 HCAPLUS <<LOGINID::20071129>>

DN 126:198798

TI Process for removing light absorbing compounds from epidermal plant cells

IN Monte, Woodrow C.

PA Ratcliff, Richard A., USA

SO U.S., 6 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 5603936	A	19970218	US 1995-389023	19950215 <--
PRAI	US 1995-389023		19950215	<--	

L41 ANSWER 6 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Photometric determination of flavones in citrus juice and peel products

AB A photometric method for determination of flavones in citrus juice and its peel products was studied. Flavones were extracted with a diluted alkaline solution, allowed to react with diethylene glycol to produce a color, and determined by measuring the absorbance at 420 nm. Interference of the food matrix was eliminated through background deduction. The detection limit was 1.1 mg/100 g, the RSD was 1.19-4.93%, and the recovery was 100.2 ± 3.1%.

AN 1997:62756 HCAPLUS <<LOGINID::20071129>>

DN 126:103321

TI Photometric determination of flavones in citrus juice and peel products

AU Yuan, Xiaomei; Liu, Guixian; Hu, Zhengzhi

CS China Natl. Res. Inst. Food Fermentation Ind., Beijing, 100027, Peop. Rep. China

SO Shipin Yu Fajiao Gongye (1996), (3), 13-21

CODEN: SPYDO; ISSN: 0253-990X

PB Shipin Yu Fajiao Gongye

DT Journal

LA Chinese

L41 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Plant Flavonoids, Especially Tea Flavonols, Are Powerful Antioxidants
 Using an in Vitro Oxidation Model for Heart Disease
 AB Flavonoids, commonly occurring antioxidants in foods, have been compared
 in a dose-response manner with vitamins C and E and β -carotene and
 found to be powerful antioxidants using an in vitro lipoprotein oxidation
 model. This model simulates the oxidation of low-d. lipoproteins, which
 results in atherosclerosis. Of the flavonoids and flavonoid-related
 compds., flavonols found in tea are the most powerful natural
 antioxidants. These results provide a mechanism for the beneficial
 epidemiol. effect of dietary flavonoids on heart disease.
 AN 1995:890867 HCAPLUS <<LOGINID::20071129>>
 DN 124:7638
 TI Plant Flavonoids, Especially Tea Flavonols, Are Powerful Antioxidants
 Using an in Vitro Oxidation Model for Heart Disease
 AU Vinson, Joe A.; Dabbagh, Yousef A.; Serry, Mamdouh M.; Jang, Jinhee
 CS Department of Chemistry, University of Scranton, Scranton, DE, 18510, USA
 SO Journal of Agricultural and Food Chemistry (1995), 43(11),
 2800-2
 CODEN: JAFCAU; ISSN: 0021-8561
 PB American Chemical Society
 DT Journal
 LA English

L41 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Flavonoids for protection of cells against chemically active species of
 oxygen, their extraction from plants, and their use in cosmetics
 AB Flavonoids are extracted from plants for use as agents to protect cells
 against chemical active species of O. Cosmetic compns. contain these
 protective agents. (-)-Epigallocatechin gallate (I) was prepared by extraction
 from dry leaves of Camellia sinensis L. Galangin was extracted from dry
 alpinia officinarum Hance roots. In a photohemolysis assay, a 1:1 mixture
 of I and galangin gave a half-hemolysis time of >2000 min (compared with
 32 min for controls). Each, alone, gave values of 400 and 1800, resp.
 AN 1991:648130 HCAPLUS <<LOGINID::20071129>>
 DN 115:248130
 TI Flavonoids for protection of cells against chemically active species of
 oxygen, their extraction from plants, and their use in cosmetics
 IN Park, Soo Nam; Boo, Yong Chool
 PA Pacific Chemical Co., Ltd., S. Korea
 SO Fr. Demande, 17 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	FR 2651132	A1	19910301	FR 1990-935	19900126 <--
	FR 2651132	B1	19930108		
	KR 9707186	B1	19970507	KR 1989-12435	19890820 <--
	JP 03093782	A	19910418	JP 1990-16320	19900129 <--
	JP 07103025	B	19951108		
PRAI	KR 1989-12435	A	19890830	<--	
	KR 1989-12492	A	19890831	<--	
	KR 1989-12493	A	19890831	<--	

L41 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Structure-activity relationship of flavones as growth inhibitors of the
 navel orangeworm
 AB A series of flavones with widely varying degrees of substitution was fed
 to neonate larvae of the navel orangeworm (Amyelois transitella). Growth
 of navel orangeworm larvae was inhibited by 5-methoxyflavones and flavone
 itself; 5-hydroxyflavones did not inhibit growth. Host resistance of
 citrus fruit to attack by the navel orangeworm might be due to the

5-methoxyflavones that occur in the peels.
 AN 1989:189778 HCAPLUS <<LOGINID::20071129>>
 DN 110:189778
 TI Structure-activity relationship of flavones as growth inhibitors of the
 navel orangeworm
 AU Mahoney, N. E.; Roitman, J. N.; Chan, B. C.
 CS West. Reg. Res. Cent., Albany, CA, 94710, USA
 SO Journal of Chemical Ecology (1989), 15(1), 285-90
 CODEN: JCECD8; ISSN: 0098-0331
 DT Journal
 LA English

L41 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
 TI Cynara flavone diuretic compositions
 AB A nontoxic composition with diuretic, ureolytic, and hypocholesterolemic
 activities was prepared from 1 g cynaroflavone complex (I) extracted from
 Cynara
 scolymus leaves and 0.2 g citrus flavone complex (II). I is
 comprised of polyphenolic acids, e.g. caffeic acid, chlorogenic acid, and
 cynarin and flavone derivs., e.g. luteolin, scolymoside, and cynaroside.
 The extraction and paper chromatog. identification of I constituents is
 described. II is a hygroscopic brown powder containing water-soluble
 flavonoids.

AN 1970:6237 HCAPLUS <<LOGINID::20071129>>
 DN 72:6237
 OREF 72:1169a,1172a
 TI Cynara flavone diuretic compositions
 PA Laboratoires Biosedra
 SO Fr. M., 3 pp.
 CODEN: FMXXAJ
 DT Patent
 LA French
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	FR 6074		19680719	FR	19631122 <--